

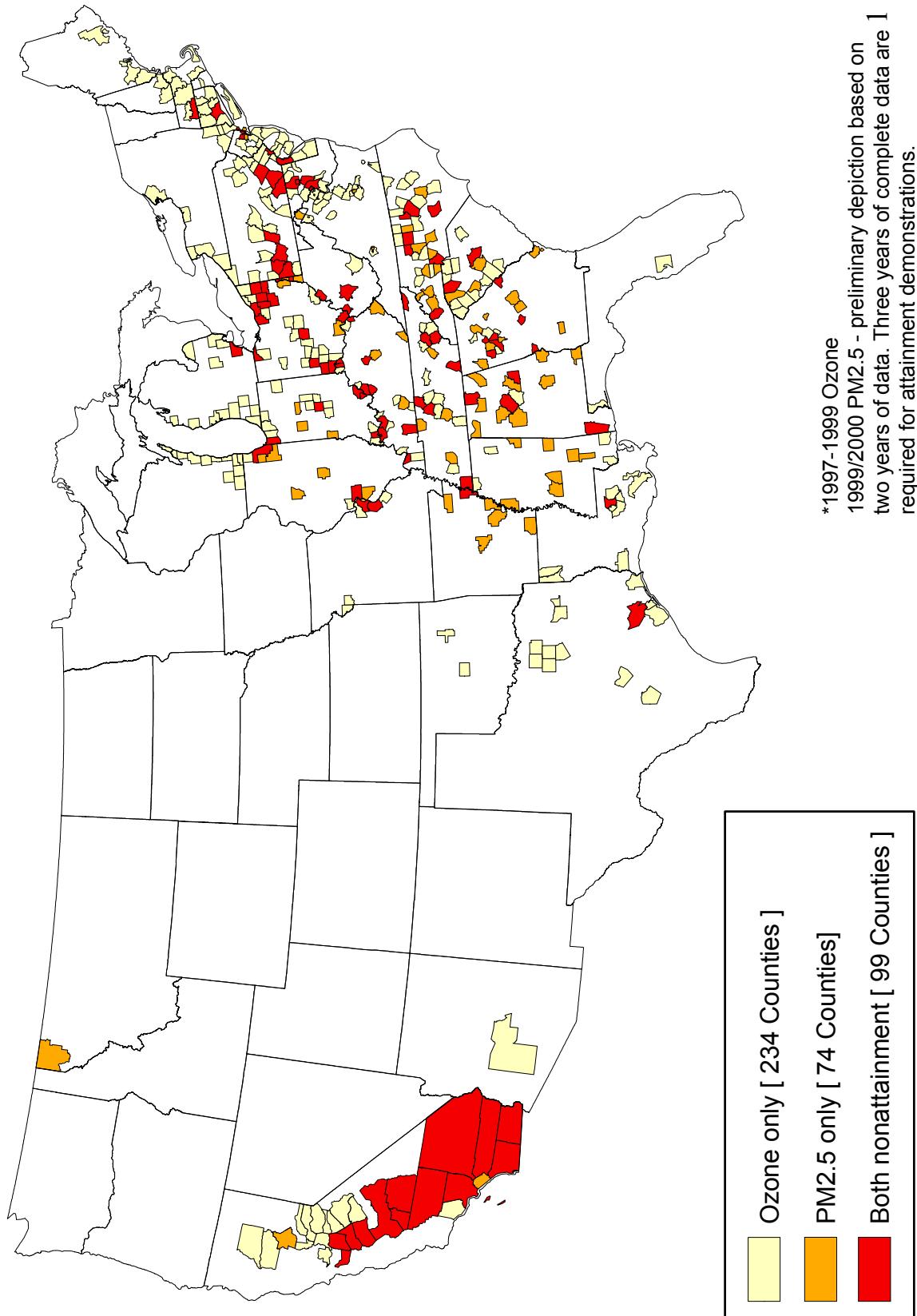
For detailed information on Clear Skies go to: www.epa.gov/clearskies

- **Clear Skies is the most aggressive action ever proposed by any President to reduce emissions from power plants.** This Initiative will reduce power plant emissions of sulfur dioxide by 73% from today's levels, nitrogen oxides by 67% from today's levels and mercury by 69% from today's levels.
- **Clear Skies Will Enhance the Clean Air Act** by establishing mandatory emission caps for power plants that will significantly improve air quality and protect human and environmental health. Clear Skies will provide this improved environmental performance at a lower cost using a cap-and-trade program.
- **Clear Skies Will Help States Meet Air Quality Standards** for fine particles (PM_{2.5}) and ozone by reducing power plant emissions of SO₂, NO_x and mercury.
 - EPA preliminary estimates indicate that at least 407 counties currently do not meet one or both of the standards for ozone and PM 2.5.
 - Preliminary analyses indicate that Clear Skies - in combination with other clean air programs already in place for power generation and mobile sources - would bring 295 of those counties into attainment by 2010; that number would increase to 345 by 2020 – leaving only 62 counties in nonattainment.
 - Clear Skies also will help the remaining nonattainment counties by bringing them closer to meeting the standards. As a result, states will have to adopt fewer new pollution control measures to bring the counties into attainment.
 - **NOTE:** The number of counties meeting the standards are likely to change once EPA completes more sophisticated atmospheric modeling.

About the attached maps:

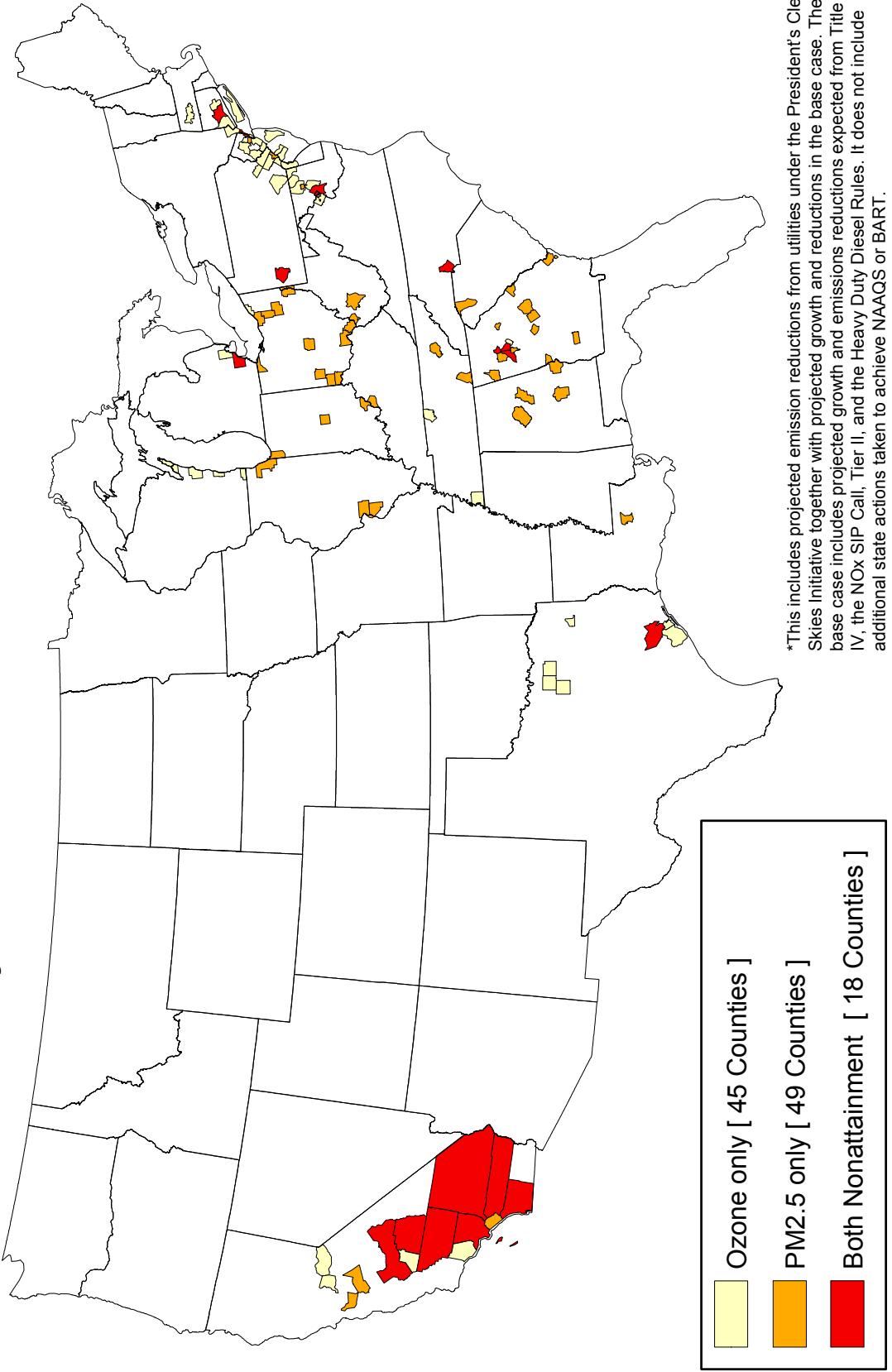
- **These maps were produced using preliminary modeling and analyses.** EPA developed the attached maps in order to provide preliminary estimates of PM_{2.5} and ozone nonattainment under the Clear Skies Initiative to discuss with the states at the Spring meeting of the Environmental Council of the States (4/23/04).
- **These maps will be updated** with more sophisticated atmospheric modeling and analyses, which may alter the attainment status of specific counties. **EPA expects to issue new maps in late June showing updated attainment information.**
- **The attached maps show preliminary estimates of the counties that would meet air quality standards for PM_{2.5} and ozone** as a result of adding Clear Skies to the various Clean Air Act programs that EPA uses to protect and improve air quality.
- The maps that estimate the number of counties that would meet PM_{2.5} and ozone standards reflect projected emissions reductions from utilities under Clear Skies, together with the projected growth and emissions reductions expected from a number of current Clean Air Act programs (referred to as “Base Case” on the maps) including acid rain (Title IV), ozone transport (NO_x SIP Call), cleaner cars and trucks (Tier II) and Heavy Duty Diesels.
- The attachment also includes **two maps estimating the changes in emissions of SO₂ and NO_x from power generation** that would result from Clear Skies. **The emission change maps also are based on preliminary analyses and should be used only to compare relative emission trends under different pollution control strategies.**

Current* 8-hour Ozone and PM2.5 Nonattainment



2010 Clear Skies Initiative *

Preliminary Estimates of Ozone and PM2.5 Nonattainment

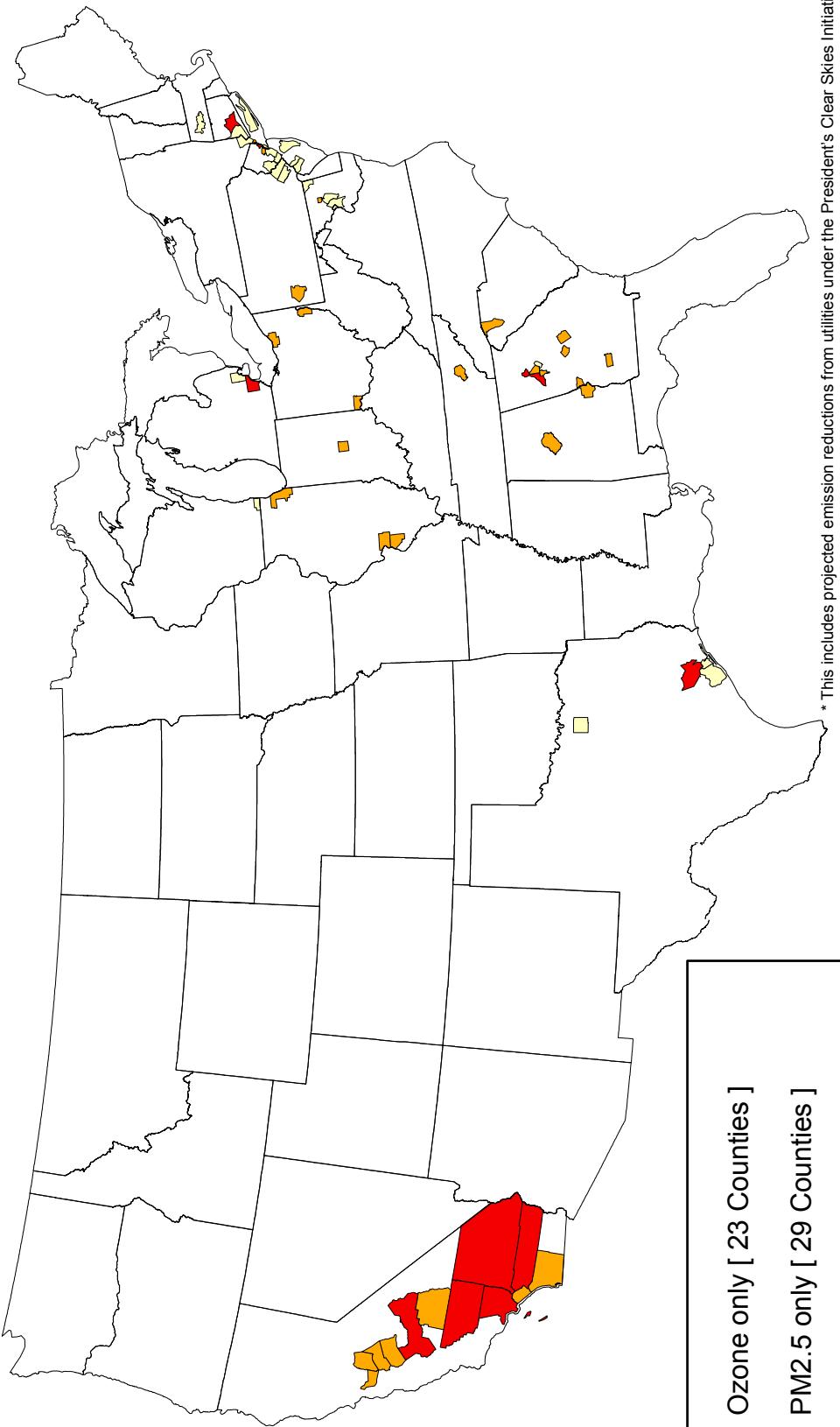


*This includes projected emission reductions from utilities under the President's Clear Skies Initiative together with projected growth and reductions in the base case. The base case includes projected growth and emissions reductions expected from Title IV, the NOx SIP Call, Tier II, and the Heavy Duty Diesel Rules. It does not include additional state actions taken to achieve NAAQS or BART.

Disclaimer: These maps are based on preliminary analyses conducted so that EPA could provide estimates of PM and ozone nonattainment under the Clear Skies Initiative for the 4/23/02 meeting of the Environmental Council of the States. These preliminary maps will be refined with more sophisticated atmospheric modeling which may alter the attainment status of specific counties. The maps should be used in a relative sense to compare nonattainment trends under different control strategies.

2020 Clear Skies Initiative

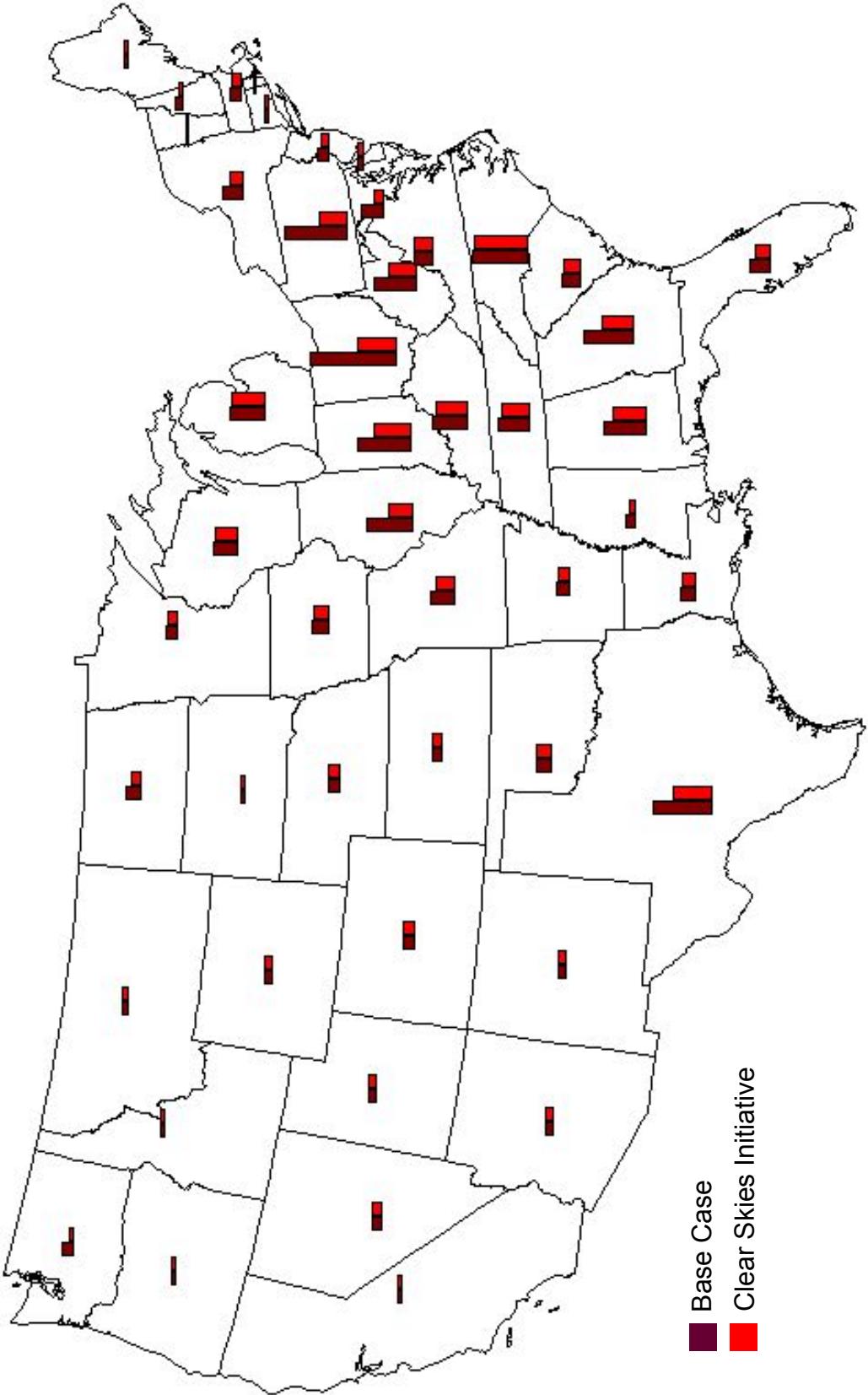
Preliminary Estimates of Ozone and PM2.5 Nonattainment



* This includes projected emission reductions from utilities under the President's Clear Skies Initiative together with projected growth and reductions in the base case. The base case includes projected growth and emissions reductions expected from Title IV, the NO_x SIP Call, Tier II, and the Heavy Duty Diesel Rules. It does not include additional state actions taken to achieve NAAQS or BART.

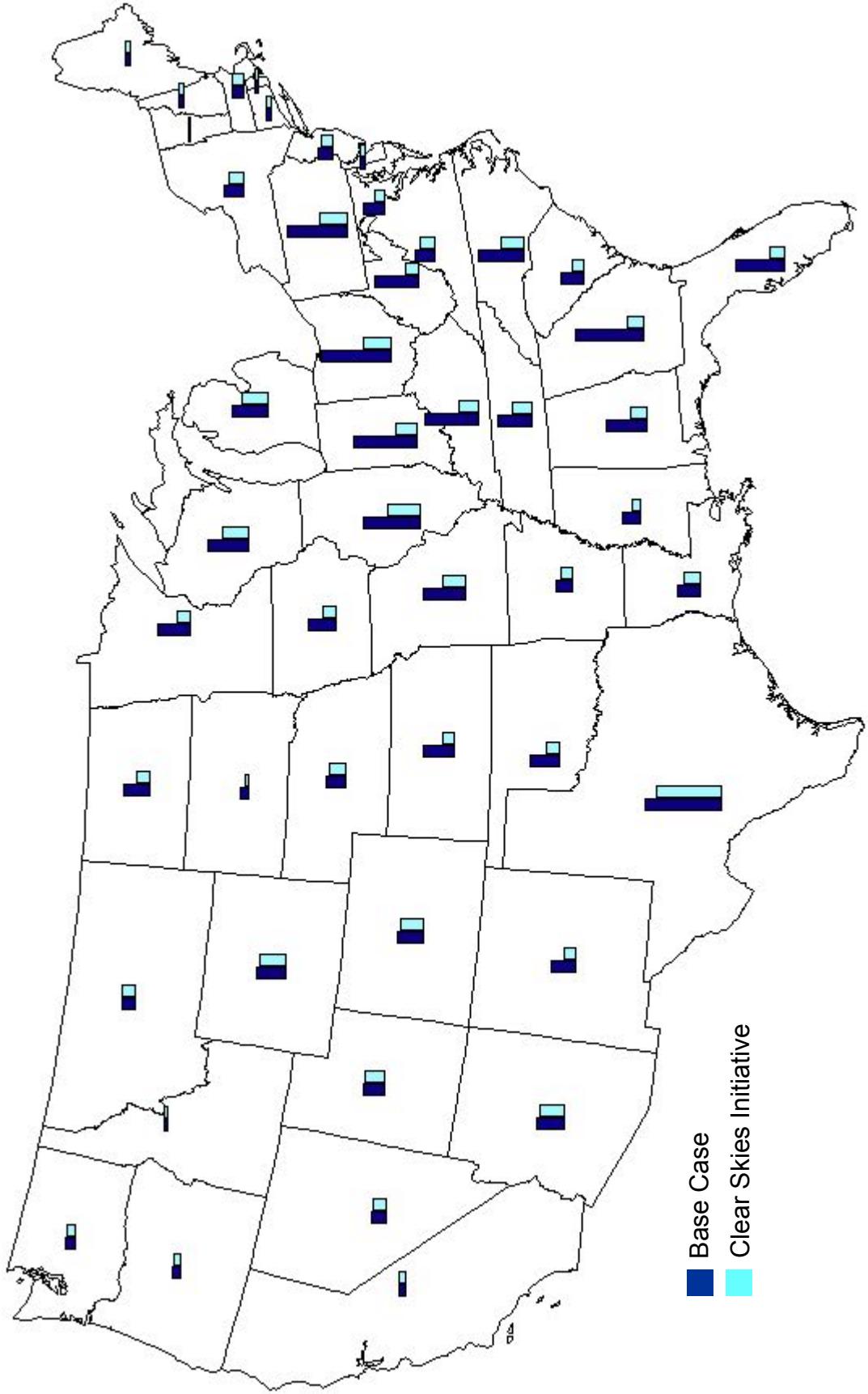
Disclaimer: These maps are based on preliminary analyses conducted so that EPA could provide estimates of PM and ozone nonattainment under the Clear Skies Initiative for the 4/23/02 meeting of the Environmental Council of the States. These preliminary maps will be refined with more sophisticated atmospheric modeling which may alter the attainment status of specific counties. The maps should be used in a relative sense to compare nonattainment trends under different control strategies.

Difference in SO₂ Emissions Base Case vs. Clear Skies Initiative in 2010



Total emissions under the Base Case equal 9.5 million tons; under CSI total emissions are 6.5 million tons.
Note: Emissions are for power generation sources > 25MW

Difference in NOx Emissions Base Case vs. Clear Skies Initiative in 2010



Total emissions under the Base Case equal 4.2 million tons; under CSI total emissions equal 2.1 millions tons.)

Note: Emissions are for power generation sources > 25MW